



Ref. T4/4.03

**LISTS OF SOLID BULK CARGOES WHICH ARE NON-COMBUSTIBLE
OR CONSTITUTE A LOW FIRE RISK OR FOR WHICH A FIXED
GAS FIRE-EXTINGUISHING SYSTEM IS INEFFECTIVE**

- 1 The Maritime Safety Committee, at its sixty-fourth session (5 to 9 December 1994), agreed there was a need to provide Administrations with guidelines regarding the provisions of regulation II-2/53 of the SOLAS Convention concerning exemptions from the requirements for fire-extinguishing systems.
- 2 The Committee also agreed the annexed table 1 providing a list of solid bulk cargoes which are non-combustible or constitute a low fire risk, and recommended Member Governments to take into account the information contained in that table when granting exemptions under the provisions of regulation II-2/53.1.
- 3 The Committee further agreed the annexed table 2 providing a list of solid bulk cargoes for which a fixed gas fire-extinguishing system is ineffective, and recommended that cargo spaces in a ship engaged in the carriage of cargoes listed in table 2 be provided with a fire-extinguishing system which provides equivalent protection. The Committee agreed that Administrations should take account of the provisions of regulation II-2/54.2.1 when determining suitable requirements for an equivalent fire-extinguishing system.
- 4 The annexed tables will be reviewed periodically by the Maritime Safety Committee. Member Governments are requested to provide the Organization, when granting exemptions to ships for the carriage of cargoes not included in table 1, with data on the non-combustibility or fire risk properties of such cargoes. Member Governments are also requested to provide the Organization, when equivalent fire-extinguishing systems are required for the agreed carriage of cargoes not included in table 2, with data on the inefficiency of fixed gas fire-extinguishing systems for such cargoes.
- 5 The purpose of this circular is to provide guidance to Administrations. It should not, however, be considered as precluding Administrations of their right to grant exemptions for cargoes not included in table 1 or to impose any conditions when granting such exemptions under the provisions of SOLAS regulation II-2/53.1.

ANNEX

List of solid bulk cargoes which are non-combustible or constitute a low fire risk

Cargoes listed in regulation II-2/53

Ore
Coal
Grain
Unseasoned timber

Cargoes listed in the Code of Safe Practice for Solid Bulk Cargoes (BC Code)

All cargoes listed in appendices A and C of the BC Code

The following cargoes listed in appendix B of the BC Code:

Aluminium processing by-products
Aluminium ferrosilicon powder (including briquettes)
Aluminium silicon powder, uncoated
Calcined pyrides (Pyritic ash, Fly ash)
Direct reduced iron briquettes, hot moulded
Ferrophosphorus (including briquettes)
Ferrosilicon, containing more than 30% but less than 90% silicon (including briquettes)
Ferrosilicon containing 25% to 30% silicon, or 90% or more silicon (including briquettes)
Fluorspar (calcium fluoride)
Lime (unslaked)
Magnesia (unslaked)
Pencil pitch
Petroleum coke*
Radioactive Material, Low Specific Activity Material (LSA-1)
Radioactive Material, Surface Contaminated Object(s) (SCO-1)
Silicomanganese
Sulphur (lump or coarse grained powder)
Vanadium ore
Woodchips with moisture content of 15% or more
Wood pulp pellets with moisture content of 15% or more
Zinc ashes
Zinc dross
Zinc residues
Zinc skimmings

*When loaded and transported under the provisions of the BC Code.

Table 2

List of Solid Bulk Cargoes for which a fixed gas fire-extinguishing system is ineffective and for which a fire-extinguishing system giving equivalent protection shall be available

The following cargoes listed in appendix B of the BC Code:

- Aluminium nitrate
- Ammonium nitrate
- Ammonium nitrate fertilizers
- Barium nitrate
- Calcium nitrate
- Lead nitrate
- Magnesium nitrate
- Potassium nitrate
- Sodium nitrate
- Chilean natural nitrate
- Sodium nitrate and potassium nitrate, mixture
- Chilean natural potassic nitrate
